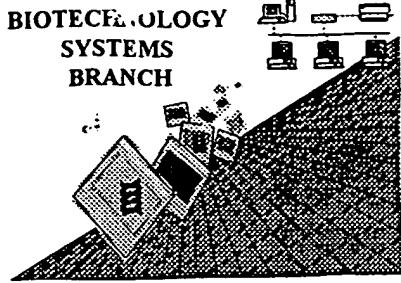


RAW SEQUENCE LISTING

ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/835,992

Source: O/PE

Date Processed by STIC: 5/2/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:48

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

pp 1-3
Does Not Comply
Corrected Diskette Needed

2 <110> APPLICANT: Obata, Yuichi
 4 <120> TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES ASSOCIATED WITH GASTRIC
 CANCER AND
 5 METHODS FOR DIAGNOSING AND TREATING GASTRIC CANCER
 7 <130> FILE REFERENCE: L0461/7112
 CK-> 8 <140> CURRENT APPLICATION NUMBER: US/09/835,992
 CK-> 8 <141> CURRENT FILING DATE: 2001-04-17
 8 <150> PRIOR APPLICATION NUMBER: US 08/896,164
 9 <151> PRIOR FILING DATE: 1997-07-17
 11 <160> NUMBER OF SEQ ID NOS: 87
 12 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

5583 <210> SEQ ID NO: 42
 5584 <211> LENGTH: 677(p.2) *insert a hard return after each response*
 5585 <212> TYPE: DNA
 5586 <213> ORGANISM: Homo sapiens <220>
 5587 <221> NAME/KEY: Unsure
 5588 <222> LOCATION: (460)..(460)
 5589 <223> OTHER INFORMATION: n = a, c, g or t
 5591 <220> FEATURE:
 5592 <221> NAME/KEY: Unsure
 5593 <222> LOCATION: (484)..(484)
 5594 <223> OTHER INFORMATION: n = a, c, g or t
 5596 <220> FEATURE:
 5597 <221> NAME/KEY: Unsure
 5598 <222> LOCATION: (574)..(574)
 5599 <223> OTHER INFORMATION: n = a, c, g or t
 5601 <220> FEATURE:
 5602 <221> NAME/KEY: Unsure
 5603 <222> LOCATION: (590)..(590)
 5604 <223> OTHER INFORMATION: n = a, c, g or t
 5606 <220> FEATURE:
 5607 <221> NAME/KEY: Unsure
 5608 <222> LOCATION: (623)..(623)
 5609 <223> OTHER INFORMATION: n = a, c, g or t
 5611 <220> FEATURE:
 5612 <221> NAME/KEY: Unsure
 5613 <222> LOCATION: (627)..(627)
 5614 <223> OTHER INFORMATION: n = a, c, g or t
 5616 <220> FEATURE:
 5617 <221> NAME/KEY: Unsure
 5618 <222> LOCATION: (643)..(643)
 5619 <223> OTHER INFORMATION: n = a, c, g or t
 5621 <400> SEQUENCE: 42
 5622 aagatcagcg atatcacgag tccccggag catcgctgc aggagccatg gcgcgggagc 60

*This is
a global error;
please correct
all sequences
sharing this
error*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:49

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

5623 tataccacga agaggcgcc cgggcgggca agcaggcggg gctgcaggc tggaggattg 120
 5624 agaagctgga gctgggtccc gtccccaga gcgcacacgg cgacttctac gtcggggatg 180
 5625 cctaccttgt gctgcacacg gccaaagacga gccagggtt cacctaccac ctgcacttct 240
 5626 ggctcgaaaa ggagtgttcc caggatgaaa gcacagctgc tgccatcttc actgttcaga 300
 5627 tggatgacta tttgggtggc aagccagtgc agaatagaga acttcaagga tatgagtcta 360
 5628 atgactttgt tagtatttc aaaggcggtc tgaatacaca, ggctggaggc gtggcatctg 420
 5629 gattaaatca tgttcttacg aacgacatga cagccaagan gctcctacat gtgaagggtc 480
 W--> 5630 gtanagtgg gagagccaca gaattccct tagctggac agtttcaaca, agggtgactg 540
 W--> 5631 cttcatcatt gaccttggca ccgaaattta tcanttggtg tggttcctcn tgcaacaaat 600
 W--> 5632 atgaacgtct gaaggcaaac cangtancta ctggcattcg gtncaatgaa aggaaaggaa 660
 E--> 5633 ggtctgaact aattgtc 677<
 6689 <210> SEQ ID NO: 58
 6690 <211> LENGTH: 571 shown (p.3) insert a hard return
 6691 <212> TYPE: DNA
 6692 <213> ORGANISM: Homo sapiens <220>
 6693 <221> NAME/KEY: Unsure
 6694 <222> LOCATION: (364)..(364) /
 6695 <223> OTHER INFORMATION: n = a, c, g or t
 6697 <220> FEATURE:
 6698 <221> NAME/KEY: Unsure /
 6699 <222> LOCATION: (468)..(468)
 6700 <223> OTHER INFORMATION: n = a, c, g or t
 6702 <220> FEATURE:
 6703 <221> NAME/KEY: Unsure /
 6704 <222> LOCATION: (516)..(516)
 6705 <223> OTHER INFORMATION: n = a, c, g or t
 6707 <220> FEATURE:
 6708 <221> NAME/KEY: Unsure /
 6709 <222> LOCATION: (532)..(532)
 6710 <223> OTHER INFORMATION: n = a, c, g or t
 6712 <220> FEATURE:
 6713 <221> NAME/KEY: Unsure /
 6714 <222> LOCATION: (574)..(574)
 6715 <223> OTHER INFORMATION: n = a, c, g or t
 6717 <220> FEATURE:
 6718 <221> NAME/KEY: Unsure /
 6719 <222> LOCATION: (597)..(597)
 6720 <223> OTHER INFORMATION: n = a, c, g or t
 6722 <220> FEATURE:
 6723 <221> NAME/KEY: Unsure /
 6724 <222> LOCATION: (662)..(662)
 6725 <223> OTHER INFORMATION: n = a, c, g or t
 6727 <220> FEATURE:
 6728 <221> NAME/KEY: Unsure /
 6729 <222> LOCATION: (669)..(670)
 6730 <223> OTHER INFORMATION: n = a, c, g or t
 6732 <220> FEATURE:
 6733 <221> NAME/KEY: Unsure
 6734 <222> LOCATION: (707)..(707)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:49

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

6735 <223> OTHER INFORMATION: n = a, c, g or t
6737 <220> FEATURE:
6738 <221> NAME/KEY: Unsure
6739 <222> LOCATION: (733)..(733)
6740 <223> OTHER INFORMATION: n = a, c, g or t
6742 <220> FEATURE:
6743 <221> NAME/KEY: Unsure
6744 <222> LOCATION: (740)..(740)
6745 <223> OTHER INFORMATION: n = a, c, g or t
6747 <400> SEQUENCE: 58
6748 agactttcct acatccgttt tatttaaaac acaaacaagt atttctcttt ctgtaaggc 60
6749 aaatggttca aataatgcgg aacacgaaac attgactaat acaagtgcct taaatatgaa 120
6750 acaaaaattat tttttaaaaa agcaaaaagaa taaagaatat atacaaaagg gacctggaaat 180
6751 ctgtaaggtg attccaaaaa cgaaataagt agaaaatcca tggtaaacc tgaacattct 240
6752 acctctgttttggagaaggg ctatcataca acatccgtc agctgaagat ggattggtag 300
6753 aggtgtgtct atacataaaac ttccgttcatt tttgtttgtg cagaatcatc ccaatcttcc 360
W--> 6754 caanactgaa tggcgagtcc tggcgcttc ttccctttcc atattcccaa caaggctacg 420
W--> 6755 tgaagttcaa ctcttgatga gcccgttaca acagcagttc cttaggancc caacatgaca 480
W--> 6756 ggtgtggtcag atttccctat gagaaacaaa actggncacc tacagcaaaa tntcaaaaatg 540
W--> 6757 ggtaagtct tccttcctct tcctcctgtat tatntacaac atatctccctt tcaagantat 600
6758 tatitccatc atgcttattc ttccccaaat ctaaacccfig aagggtattt gaagggaaac 660
W--> 6759 chccatccnn aaaaagaaaa acccattccc aaattgaaaa aaaactnggc aggtataaca 720
E--> 6760 atacacccccc canaaactcn ccaattttcc c 751

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:51

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application No
L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:51

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:3489 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:27
L:5633 M:252 E: No. of Seq. differs, <211>LENGTH:Input:667 Found:677 SEQ:42
L:5653 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43
L:6760 M:252 E: No. of Seq. differs, <211>LENGTH:Input:571 Found:751 SEQ:58
L:10158 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:86